Created March 4, 2009 Revised, March 18, 2009

Name of Array: Lapis_A_Round 1_090311 Total number of MPAs/closures: 47

Author: Lapis Work Group

Number of SMRs: 24

Number of SMCAs: 14
Number of SMPs: 6
Number of Military Closures: 3

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
UCSB_SMR_LAP_A_1	3843		North: mean high tide line South: State waters line East: East of Campus Point at the edge of the Goleta Beach County Park line West: 119 53'	SMR	TBD	All take is prohibited	None Specified
Goleta_Slough_SMP_LAP_A_ 1	5751	North Mainland	Retain existing boundaries.	SMP	TBD		Boating, swimming, wading, and diving are prohibited. Other restrictions exist on accessible areas.
Carpinteria_Salt_Marsh_SMR_ LAP_A_1	5753	North Mainland	See MarineMap	SMR	TBD	All take is prohibited	None Specified
Big_Sycamore_Canyon_SMR_ LAP_A_2	3880		North: mean high tide line South: State waters line East: 119 00' West: Mugu Point	SMR	TBD	All take is prohibited	None Specified
Malibu_East_SMR_LAP_A_1	3876	North Mainland	North: mean high tide line South: State waters line East: 118 37' West: 118 40'	SMR	TBD	All take is prohibited	None Specified
Portuguese_Bend_SMCA_LAP _A_1	3893		North: mean high tide line South: State waters line East: 118 21' (should line up with a landmark - Trump structure on the Trump golf course) West: Landmark - Marineland/Long Point	SMCA	TBD	Commercial take of Coastal Pelagic Finfish by Seine >5None Specified meters	None Specified
Point Fermin_SMP_LAP_A_1	5759	South Mainland	Retain existing boundaries.	SMP	TBD	Prohibits all recreational take except finfish and lobster only. Prohibits all commercial take.	None Specified
Bolsa Chica_SMP_LAP_A_1	5757	South Mainland	Retain existing boundaries.	SMP	TBD	Prohibits take of all living marine resources except the recreational hool and line take of species other than marine aquatic plants from designated areas around outer Bolsa Bay.	restrictions exist regarding: time of

MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
UCSB_SMR_LAP_A_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-3,O-5), G6: (O-3,O-4)	Get better representation of hard bottom, kelp habitat, oil seeps, sandy bottom, high current area, coastal pelagics, and avoid some high use areas to east and also areas of soft bottom, get some estuary mouth west side of Coal Oil Point also, study opportunities for UCSB.	
Goleta_Slough_SMP_LAP_A_ 1	None Specified	Maintains existing MPA.	None Specified
Carpinteria_Salt_Marsh_SMR_ LAP_A_1	G1: (O-1,O-2,O-3,O-4,O-5), G2: (O-1,O-2,O-3), G3: (O-1,O-2,O-3), G4: (O-1,O-2), G5: (O-1,O-2,O-3,O-4,O-5), G6: (O-1,O-3,O-4)	One of the most undamaged estuary systems, designated as a University of California Natural Reserve. Is habitat for myriad animal and plant species that are listed e.g. salt marsh bird's beak, migratory waterfowl, light-footed clapper rail, halibut, leopard sharks.	None Specified
Big_Sycamore_Canyon_SMR_ LAP_A_2	None Specified	There is an existing MPA here, clean watershed, unpopulated, only stretch of really wild coast in southern California, it's a unique spot. A lot of sandy bottom and kelp.	
Malibu_East_SMR_LAP_A_1	None Specified	Over minimum size, it's an SMR, so it satisfies goals of acts and it leaves an area open nearby that has the same kind of habitat so there is the possibility to do side by side comparison research.	Minimizes socioeconomic impact and avoids an artifical reef. Also stays a distance away from the pier. Want to be at least just over 1/2 mile from Malibu pier so as not to interfere with activities/leaseholds there.
Portuguese_Bend_SMCA_LAP _A_1	None Specified	Puts in more robust protection than current protection (than at existing Abalone Cove SMP) and expands existing MPA.	None Specified
Point Fermin_SMP_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
Bolsa Chica_SMP_LAP_A_1	None Specified	Maintains existing MPA.	None Specified

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Upper Newport Bay_SMP_LAP_A_1	5761	South Mainland	Retain existing boundaries.	SMP	TBD	Prohibits all recreational take except hook and line take of species other than kelp. Prohibits all commercial take.	Restrictions exist regarding: swimming areas, boat speed, shoreline access and access fees.
Irvine_Coast_SMCA_LAP_A_2	5604	South Mainland	North: mean high tide line South: 1000 ft. offshore and following shoreline East: landmark - two rocks or Seal Rocks [at edge of Heisler Park SMR]* West: West tip of Robert E. Badam SMCA *NOTE: 03/11/09 - Eastern boundary was adjusted to Two Rocks Point/Seal Rocks, which was actually north of Heisler Park SMR, to remain consistent with the intent of the author.		TBD	Lobster: Traps / Pots: commercial, Urchin: Diving: commercial. All take is prohibited of intertidal species except commercial take of lobster, crab, urchin and Kellet's whelk	None Specified
Laguna_SMR_LAP_A_1	3909	South Mainland	North: mean high tide line South: State waters line East: landmark - Three Arches West: landmark - two rocks or Seal Rocks [at edge of Heisler Park SMR*] *NOTE: 03/11/09 - Northern boundary was adjusted to Two Rocks Point/Seal Rocks, which was actually north of Heisler Park SMR, to remain consistent with the intent of the author.	SMR	TBD	All take is prohibited	None Specified

MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Upper Newport Bay_SMP_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
Irvine_Coast_SMCA_LAP_A_2	None Specified	Encompasses and would replace several existing MPAs. Meant to make those MPAs match more closely to DFG guidelines, and protect the intertidal areas.	Want to test the possibility of creating an intertidal MPA so that the intertidal is protected without having huge socioeconomic impacts (caused by extending to state waters line).
Laguna_SMR_LAP_A_1	None Specified	Encompasses virtually all habitat we're looking for, hard bottom, soft bottom, a lot of submerged kelp though little kelp canopy, meets SAT guidelines for habitat, out of G&O meets all but two of them, includes existing MPA.	Important for lobster fishery but willing to sacrifice because of the important habitat. Half way between Newport Harbor and Dana Point Harbor so maximizes distance from ports (b/c very large # of users out of each port), economically will hurt lobsters, and some bait fishery, do fish it a lot but willing to give it up to meet guidelines. During the review process by Lapis, it was put forward that the intended SMR should be configured basically the same, but the western latitude boundary should be at 117d 48.2m and and the eastern one at 117d 46.3m. This would avoid a major sewage outfall and significantly reduce negative socioeconomic impacts. Because this was a major change to the shape not put forward and discussed during the work session, the boundaries were left as noted originally.

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Niguel_SMCA_LAP_A_1	5790	South Mainland	Change offshore extent of existing MPA to 1,000 ft offshore, same as Irvine_Coast_SMCA_LAP_A_2 and make western boundary flush with eastern boundary of Laguna_SMR_LAP_A_1.	SMCA	TBD	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish may only be taken by hook and line or by spear. Prohibits all commercial take except lobster.	
Doheny_SMCA_LAP_A_1	5783	South Mainland	Retain existing boundaries.	SMCA	TBD	Prohibits all recreational take except chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels, and worms, and finfish. Commercial take is allowed	None Specified
Doheny Beach_SMCA_LAP_A_1	5781	South Mainland	Retain existing boundaries.	SMCA	TBD	Prohibits all recreational take except lobster; rockfish (family Scorpaenidae), greenling, lingcod, cabezon, yellowtail, mackerel, bluefin tuna, kelp bass, spotted sand bass, barred sand bass, sargo, croaker, queenfish, corbina, white seabass, opaleye, halfmoon, surfperch (family Embiotocidae), blacksmith, barracuda, California sheephead, bonito, California halibut, sole, turbot and sanddab. Finfish may only be taken by hook and line or by spear. Prohibits all commercial take except lobster.	
Agua_Hedionda_Lagoon_SMC A_A_1	5744	South Mainland	Flush with the Agua Hedionda Lagoon SMR at the northern end and extends out to lagoon mouth.	SMCA	TBD		Power plant, desalinization plant, mariculture of shellfish, white seabass hatchery, yacht marina, water ski marina, YMCA dock.

MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Niguel_SMCA_LAP_A_1	None Specified	Includes existing MPA with changes to offshore extent and western boundary.	None Specified
Doheny_SMCA_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
Doheny Beach_SMCA_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
A_A_1	G1: (O-1,O-3,O-4), G2: (O-1,O-2,O-3,O-4), G3: (O-1), G4: (O-1,O-2), G5: (O-1,O-4), G6: (O-3,O-4)	A multiuse lagoon with a viable ecosystem, Carlsbad's chief marine asset. Existing tidewater gobi reserve in back bay.	Existing management paid for by the power plant and various authorities. In place funding and management for all potential DFG responsibilities except existing ones. Multiple uses impact blunted by the increased water flow of power plant intake. Somehow works and Carlsbad is proud of this lagoon. The entire lagoon is a complex of two MPAs; Agua Hedionda Lagoon SMCA and Agua Hedionda Lagoon SMR.

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Agua_Hedionda_Lagoon_SMR _A_1	5652		Back end of the lagoon to the existing buoy line. Boundary meant to be flust with adjoining SMCA.	SMR	TBD	All take is prohibited	None Specified
Batiquitos Lagoon_SMP_LAP_A_1	5785	South Mainland	Retain existing boundaries.	SMP	TBD	Prohibits all recreational take except finfish by hook and line from shore. Prohibits all commercial take.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: allowed management activites.
Encinitas_SMCA_LAP_A_1	5768	South Mainland	Retain existing boundaries.	SMCA	TBD	Prohibits all recreational take except finfish. Prohibits all commercial take except for finfish	None Specified
Cardiff-San Elijo_SMCA_LAP_A_1	5786	South Mainland	Retain existing boundaries.	SMCA	TBD	Prohibits all recreational take except chiones, clams, cockles, rock scallops, native oysters, crabs, lobsters, ghost shrimp, sea urchins, mussels, and worms and finfish. Allows all commercial take.	None Specified
San Elijo Lagoon_SMP_LAP_A_1	5764	South Mainland	Retain existing boundaries.	SMP	TBD	Prohibits all recreational take except finfish by hook and line from shore. Prohibits all commercial take.	Boating, swimming, wading, and diving are prohibited. Other restrictions exist regarding: allowed management activites.
Del_Mar_SMR_LAP_A_1	3918		North: landmark - San Dieguto River mouth South: 32 56' East: mean high tide line West: state waters line	SMR	TBD	All take is prohibited	None Specified
San Dieguito Lagoon_SMR_LAP_A_1	5765	South Mainland	Retain existing boundaries.	SMR	TBD	All take is prohibited	Other restrictions exist regarding: boating, swimming, wading, diving, access to the California Least Tern island, hours of entry, and allowed management activities.
San Diego- Scripps_SMCA_LAP_A_1	5789	South Mainland	Retain existing boundaries.	SMCA	TBD	Prohibits all recreational take except finfish. Prohibits all commercial take except finfish.	Allowances for scientific collection.
La Jolla_SMCA_LAP_A_1	5788	South Mainland	Retain existing boundaries.	SMCA	TBD	Prohibits all recreational take. Prohibits all commercial take except for squid for the purpose of bait by hand-held scoop net west of a line drawn due north from Goldfish Point.	Restrictions exist regarding: boat launching areas and anchoring times.

MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Agua_Hedionda_Lagoon_SMR _A_1	None Specified	Expands existing Agua Hedionda Lagoon SMR to the existing buoy line at the request of the managing entity.	The entire lagoon is a complex of two MPAs; Agua Hedionda Lagoon SMCA and Agua Hedionda Lagoon SMR.
Batiquitos Lagoon_SMP_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
Encinitas_SMCA_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
Cardiff-San Elijo_SMCA_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
San Elijo Lagoon_SMP_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
Del_Mar_SMR_LAP_A_1	G1: (O-1), G6: (O-4)	Good habitat, shallow rock with kelp, deep sand, deep rock, sand, very deep, full array of habitat, kelp canopy can get very large during summer, good coastal bottlenose dolphin habitat, some pinnacles.	Forms a complex with the two SMRs in adjoining estuaries.
San Dieguito Lagoon_SMR_LAP_A_1	None Specified	Includes existing MPA with increased protection.	None Specified
San Diego- Scripps_SMCA_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
La Jolla_SMCA_LAP_A_1	None Specified	Maintains existing MPA.	None Specified

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Famosa_Slough_SMR_LAP_A _1	5558	South Mainland	Mission Bay Channnel within study region boundary. To extend to Famosa Slough once area is include in study region, and further north if the study region boundary is increased in that direction also.	SMR	TBD	All take is prohibited	None Specified
Mia J Tegner_SMCA_LAP_A_1	5787	South Mainland	Retain existing boundaries.	SMCA	TBD	Prohibits all recreational take except finfish. Prohibits all commercial take except for finfish and marine aquatic plants.	None Specified
South_San_Diego_Bay_SMCA _LAP_A_1	3019	South Mainland	North: Diagonal line from Sweetwater Marsh entrace on east to north end of cove on west side of the bay South: study region boundary East: study region boundary West: study region boundary	SMCA	TBD	All take is prohibited, hook and line catch and release only of any legal species [includes spotted bay bass, halibut, bone fish, croaker, corvina, yellowfin -some of most important to catch and release are sand bass, corvina, sharks, croaker]. Only single barbless hooks allowed.	None Specified
Catalina Marine Science Center_SMR_LAP_A_1	5748	East Channel Islands	Retain existing boundaries.	SMR	TBD	All take is prohibited	Restrictions exist regarding: anchoring or mooring vessels, and scientific collection.
Farnsworth_Bank_SMR_LAP_ A_1	3957	East Channel Islands	Same boundaries as existing Farnsworth Bank SMCA.	SMR	TBD	All take is prohibited	None Specified
Avalon_Dive_Park_SMR_LAP_ A_1	3959	East Channel Islands	North: landmark - kayak rental at Descanso Beach South: end of jetty East: out 300 feet following coastline West: mean high tide line (same footprint as existing underwater park)	SMR	TBD	All take is prohibited	No anchor zone.
Lover's Cove_SMR_LAP_A_1	5749	East Channel Islands	Retain existing boundaries.	SMR	TBD	All take is prohibited	None Specified
San Nicolas Pending Military Closure	5617	West Channel Islands	See MarineMap	Undesignated	TBD	All take is prohibited	No entry.
San Clemente Pending Military Closures 1	5615	East Channel Islands	See MarineMap	Undesignated	TBD	All take is prohibited	No entry.
San Clemente Pending Military Closures 2	5612	East Channel Islands	See MarineMap	Undesignated	TBD	All take is prohibited	No entry.
Richardson Rock_SMR	5559	West Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None Specified
Judith Rock SMR	5570	West Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None Specified

MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Famosa_Slough_SMR_LAP_A None Specified1		Need to ensure long term protection, lots of birds use this area, as do juvenile fish.	None Specified
Mia J Tegner_SMCA_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
South_San_Diego_Bay_SMCA _LAP_A_1	None Specified	Lots of eelgrass (80% of eelgrass in bay), Sweetwater Reserve, nature center, educational opportunities, south bay protected area, marsh at edge, leave salt flats alone, part of fish and wildlife reserve. Green turtles would benefit, intertidal mudflats, salt marsh on east side, two least tern preserves and two federal reserve area lots of shorebirds and pelagic birds.	
Catalina Marine Science Center_SMR_LAP_A_1	None Specified	Maintains existing MPA.	None Specified
Farnsworth_Bank_SMR_LAP_ A_1	None Specified	Purple coral is present, it's a nice area, and there is already an existing MPA (same footprint) but this would increase protection.	It will hurt the yellowtail and rockfish anglers. Also, current regulations are depth based.
Avalon_Dive_Park_SMR_LAP_ A_1	None Specified	The area is currently a city underwater park (same footprint as the current park). It is a heavy non-consumptive use area, especially by divers, and would like to preserve it for this use.	
Lover's Cove_SMR_LAP_A_1	None Specified	Includes existing MPA with increased protection.	None Specified
San Nicolas Pending Military Closure	None Specified	This is an APPROXIMATE polygon representing the Federal Closure at San Nicolas Island called Area Alpha	None Specified
San Clemente Pending Military Closures 1	None Specified	This is an APPROXIMATE polygon representing the Federal closure on San Clemente Island called SWAT-1	None Specified
San Clemente Pending Military Closures 2	None Specified	This is an APPROXIMATE polygon representing the Federal Closure located on the east side of San Clemente Island called SWAT-2.	None Specified
Richardson Rock_SMR	N/A	N/A	N/A
Judith Rock SMR	N/A	N/A	N/A

Created March 4, 2009 Revised, March 18, 2009

MPA Name	MPA ID	Bioregion	MPA Boundaries (Exact or Approximate)	Designation	Level of Protection	Proposed Take Regulations	Other Proposed Regulations
Harris Point SMR	5560	West Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None Specified
South Point SMR	5569	West Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None Specified
Carrington Point SMR	5562	West Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None Specified
Skunk Point SMR	5568	West Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None Specified
Painted Cave SMCA	5563	Mid Channel Islands	See MarineMap	SMCA	TBD	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish	None Specified
Gull Island SMR	5561	Mid Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None Specified
Scorpion SMR	5564	Mid Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None Specified
Footprint SMR	5567	Mid Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None Specified
Anacapa Island SMCA	5565	Mid Channel Islands	See MarineMap	SMCA	TBD	Take of all living marine resources is prohibited except for the recreational take of lobster and pelagic finfish and the commercial take of spiny lobster.	None Specified
Anacapa Island SMR	5566	Mid Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None Specified
Santa Barbara Island SMR	5571	Mid Channel Islands	See MarineMap	SMR	TBD	All take is prohibited	None Specified

SMCA = state marine conservation area SMP = state marine park SMR = state marine reserve

TBD = To be determined

Bioregions:

- 1. North Mainland (Point Conception to Marina Del Rey)
- 2. South Mainland (Marina del Rey to the U.S.-Mexico border)
- 3. West Channel Islands (San Miguel, Santa Rosa and San Nicolas islands)
- 4. Mid-Channel Islands (Santa Cruz, Anacapa and Santa Barbara islands)
- 5. East Channel Islands (Santa Catalina and San Clemente islands)

MPA Name	Regional Goals/ Objectives	Site Specific Rationale	Other Considerations
Harris Point SMR	N/A	N/A	N/A
South Point SMR	N/A	N/A	N/A
Carrington Point SMR	N/A	N/A	N/A
Skunk Point SMR	N/A	N/A	N/A
Painted Cave SMCA	N/A	N/A	N/A
Gull Island SMR	N/A	N/A	N/A
Scorpion SMR	N/A	N/A	N/A
Footprint SMR	N/A	N/A	N/A
Anacapa Island SMCA	N/A	N/A	N/A
Anacapa Island SMR	N/A	N/A	N/A
Santa Barbara Island SMR	N/A	N/A	N/A
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